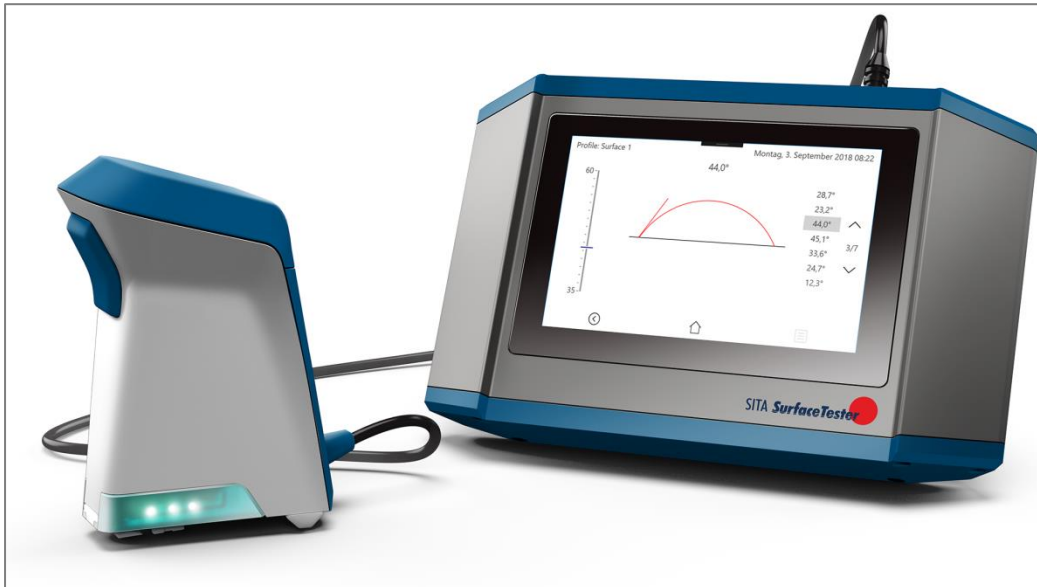


Wetting control by measuring the contact angle

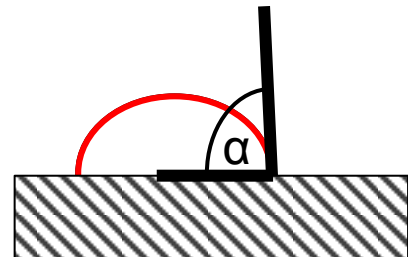
The measuring device SITA SurfaceTester enables the simple control of the wettability of metal and plastic surfaces e.g. after the pre-treatment or before coating.



SITA SurfaceTester

It provides the following features:

- Easy and automatic measuring procedure including drop placement, drop detection and direct determination of the contact angle
- Handy sensor head to measure at various parts geometries
- Simple operation via touch screen
- Mobile use without PC in parts manufacturing
- Monitoring of limit values with measuring profiles usable for various applications
- Quality assurance of part surfaces



Technical data

Contact angle

Measuring range 5° ... 175°
Resolution 0.1°

Test parameters

Min. sample size 10 mm x 20 mm
Operating temperature 10 ... 40 °C
Air humidity non-condensing

Measuring method

Optical determination of the contact angle of a lying drop (1 µl)

Power supply

Battery power, min. 6 h operating

Interfaces, Operation

USB data transfer, power supply
Operation touchscreen
Test liquid ultrapure water,
Can be refilled individually